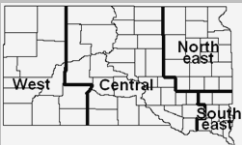


1 January – 31 March 2007

Provisional data

Monthly infectious disease summary report

March 2007



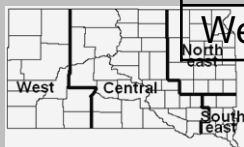
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 March 2007

Provisional data

South Dakota infectious disease summary

Diseases -Agent	Cases year-to-date	Incidence year-to-date	5-yr median cases	Percent change
Campylobacter	17	2.2	24	-29%
Chlamydia	608	77.8	596	2%
Cryptosporidiosis	13	1.7	5	160%
<i>E. coli</i> , Shiga toxin-producing	0	0.0	1	-100%
Giardiasis	8	1.0	20	-60%
Gonorrhea	68	8.7	67	1%
Hepatitis A	2	0.3	2	0%
Herpes (genital)	94	12.0	86	9%
HIV AIDS	4	0.5	6	-33%
Meningococcal	1	0.1	1	0%
Pertussis	11	1.4	4	175%
Salmonella	35	4.5	21	67%
Shigellosis	11	1.4	8	38%
Strep A, invasive	2	0.3	4	-50%
Strep B, invasive	3	0.4	4	-25%
Tuberculosis	2	0.3	5	-60%
Syphilis, early	1	0.1	0	na
West Nile	0	0.0	0	na



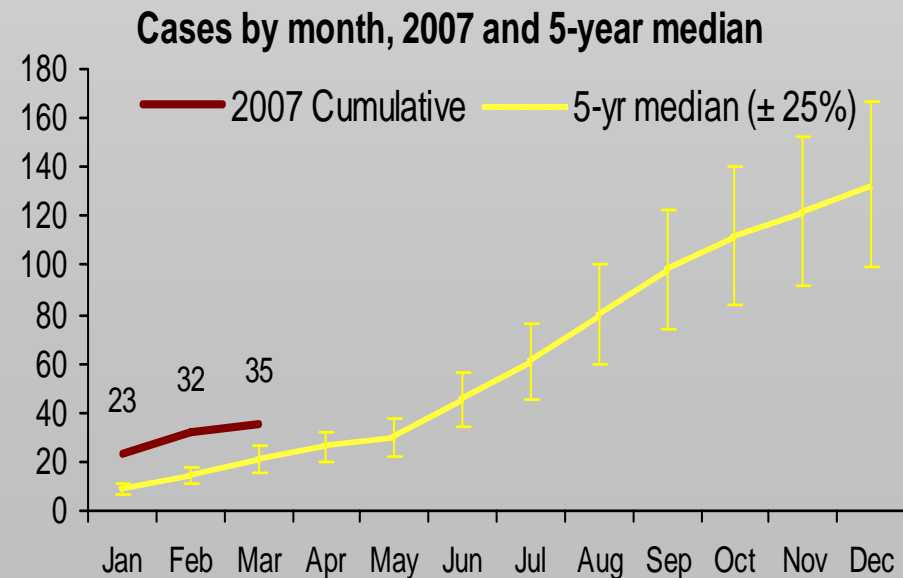
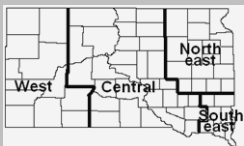
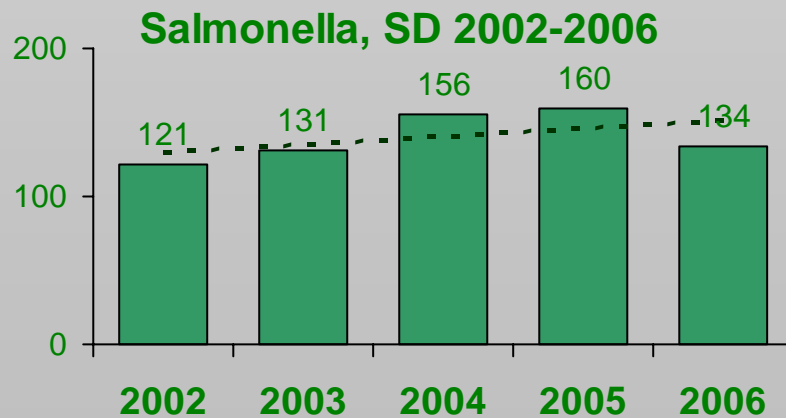
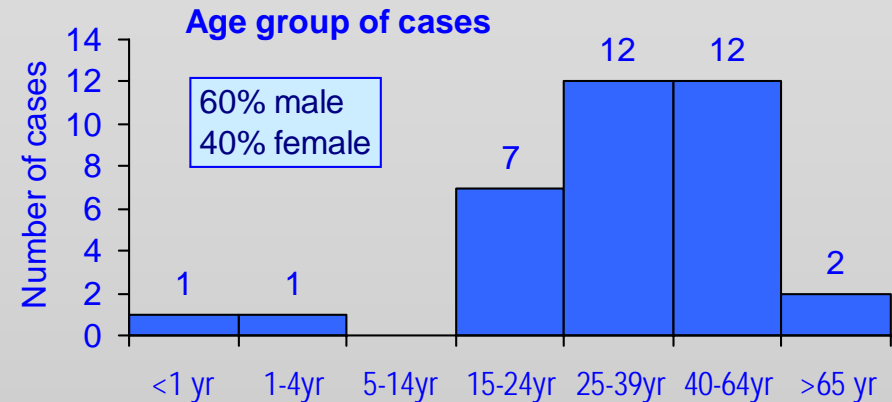
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 March 2007

Provisional data

Salmonellosis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	3	2.0
Northeast	9	4.9
Southeast	20	7.8
Western	3	1.6
TOTAL	35	4.5 +67%
5-year median	21	2.7



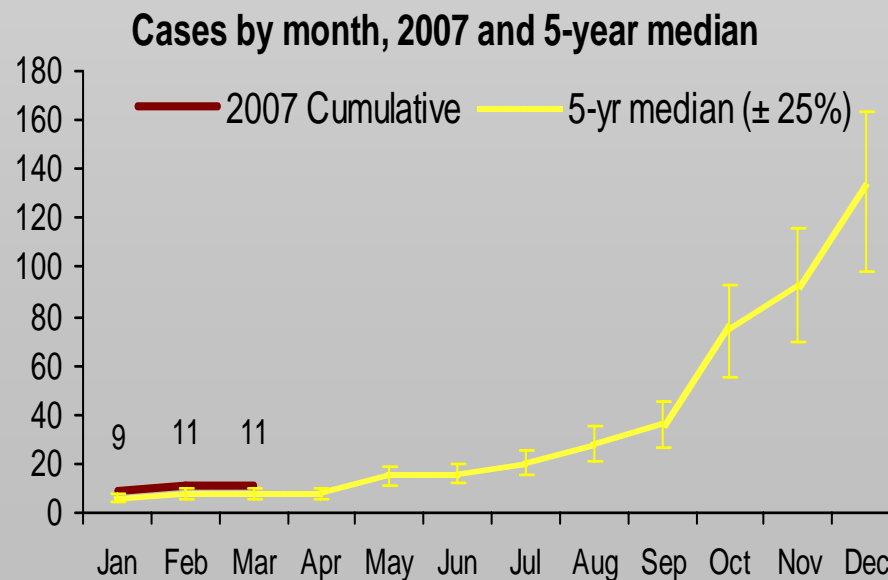
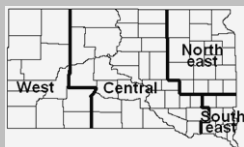
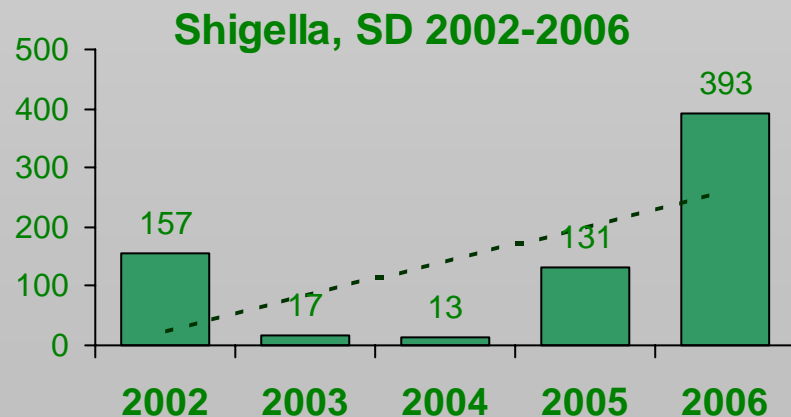
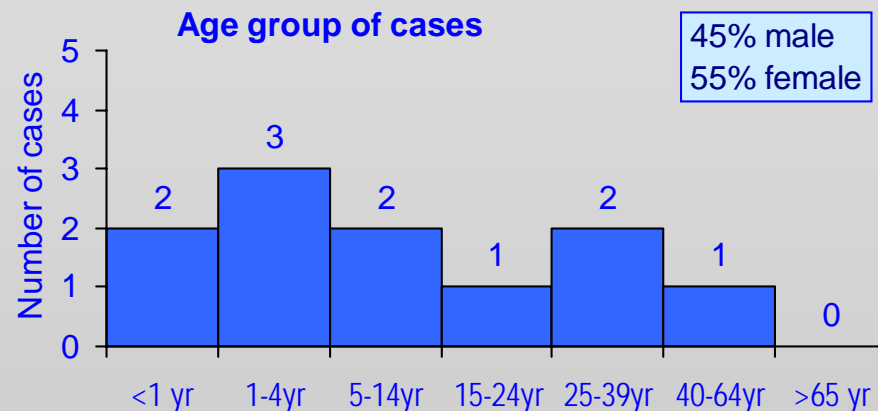
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 March 2007

Provisional data

Shigellosis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	2	1.3
Northeast	1	0.5
Southeast	3	1.2
Western	5	2.6
TOTAL	11	1.4 +38%
5-year median	8	1.0

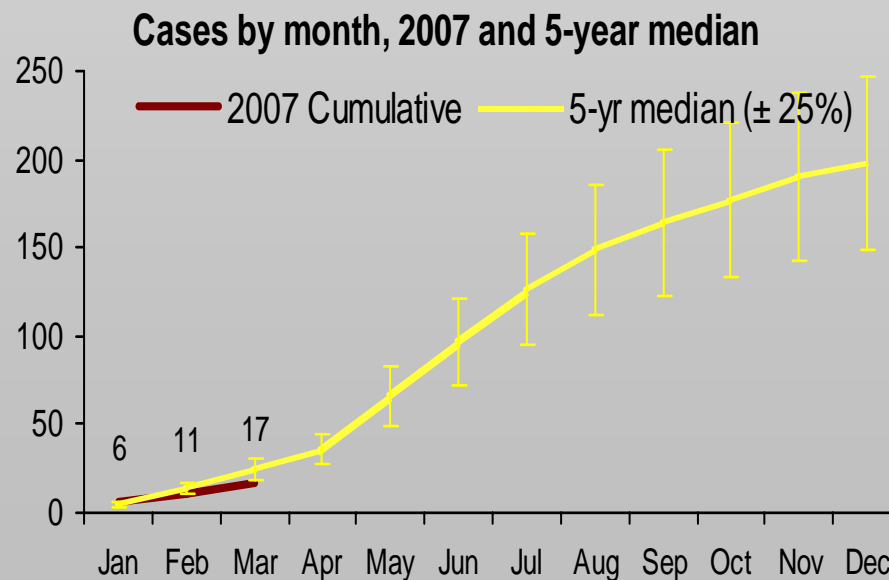
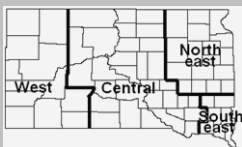
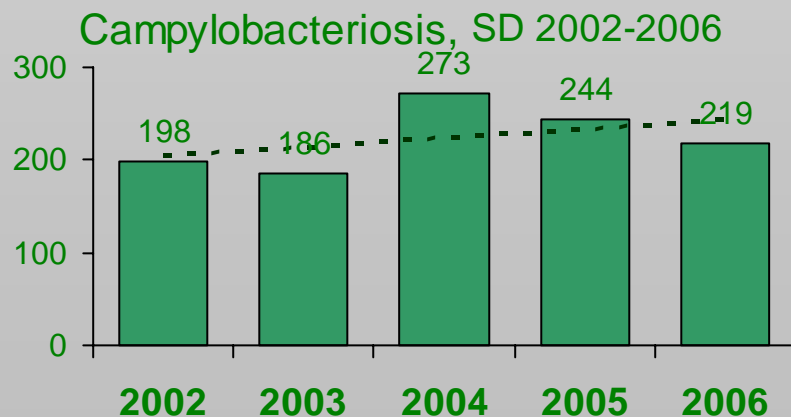
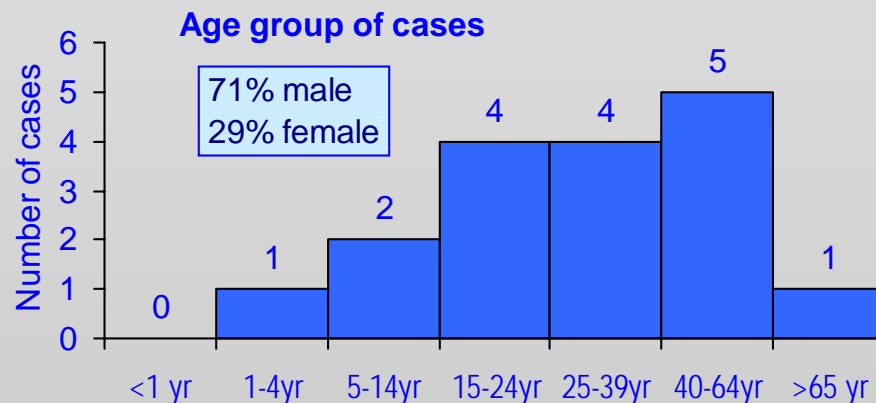


1 January – 31 March 2007

Provisional data

Campylobacteriosis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	6	4.0
Northeast	3	1.6
Southeast	8	3.1
Western	0	0.0
TOTAL	17	2.2 -29%
5-year median	24	3.1



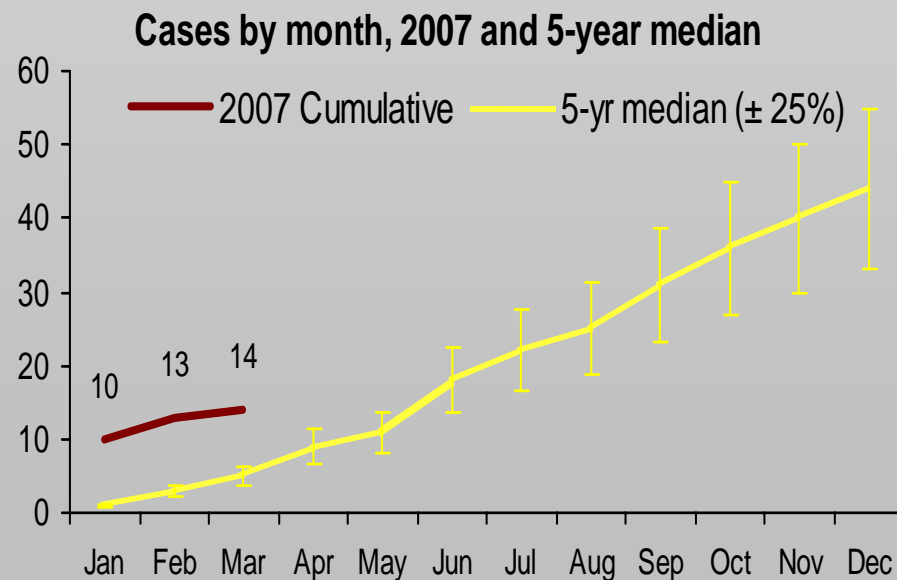
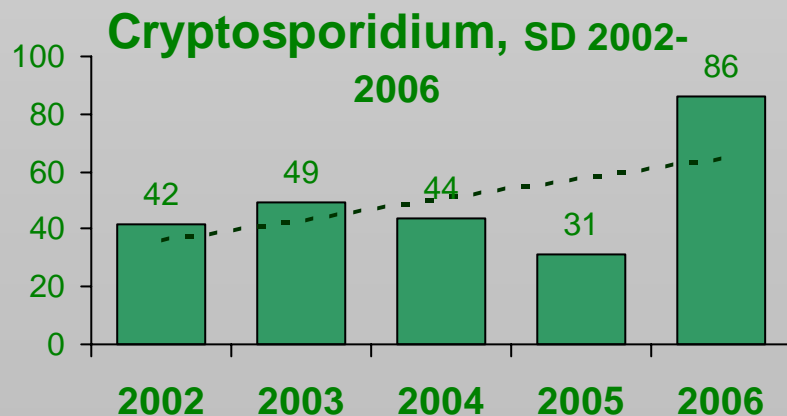
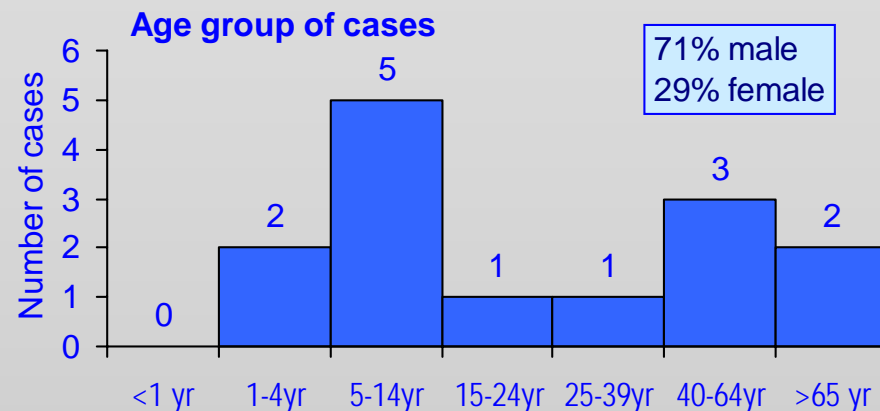
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 March 2007

Provisional data

Cryptosporidiosis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	4	2.7
Northeast	7	3.8
Southeast	3	1.2
Western	0	0.0
TOTAL	14	1.8 +180%
5-year median	5	0.6



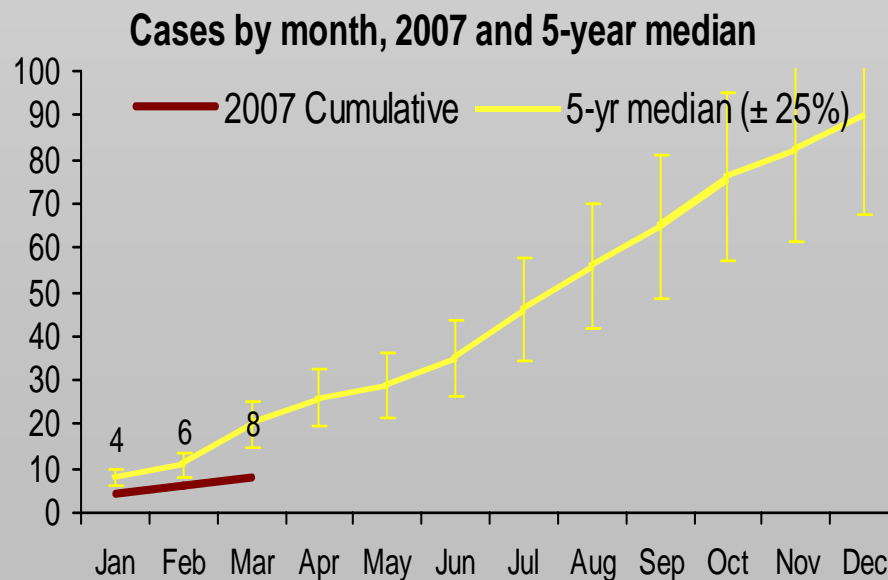
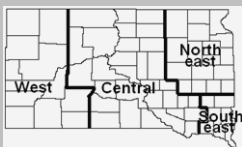
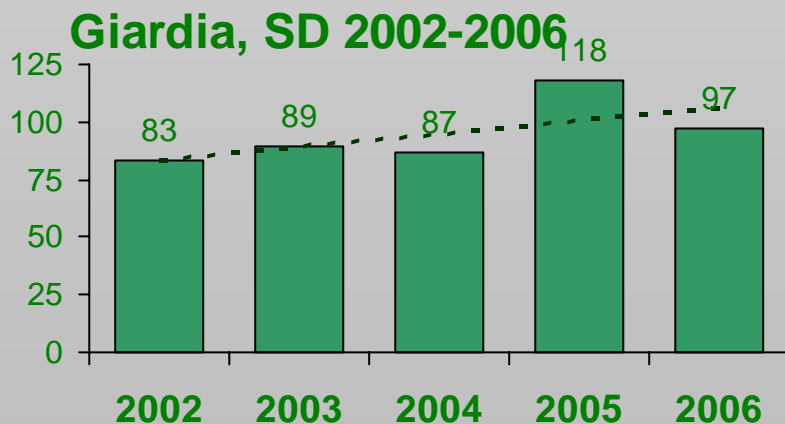
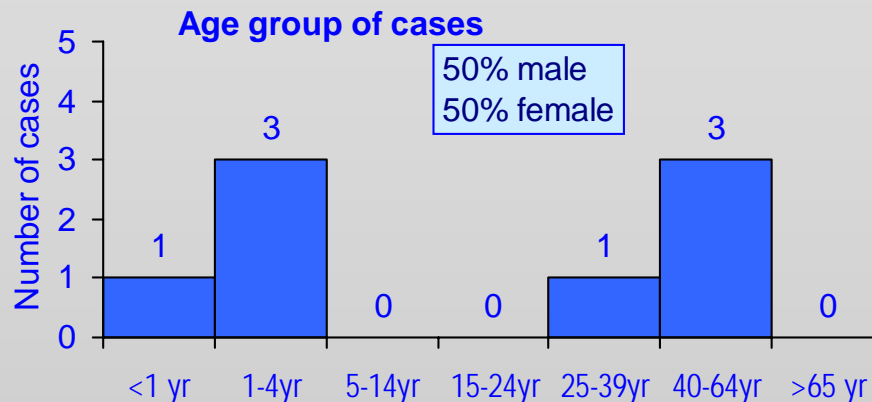
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 March 2007

Provisional data

Giardiasis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	1	0.7
Northeast	1	0.5
Southeast	4	1.6
Western	2	1.0
TOTAL	8	1.0 -60%
5-year median	20	2.6

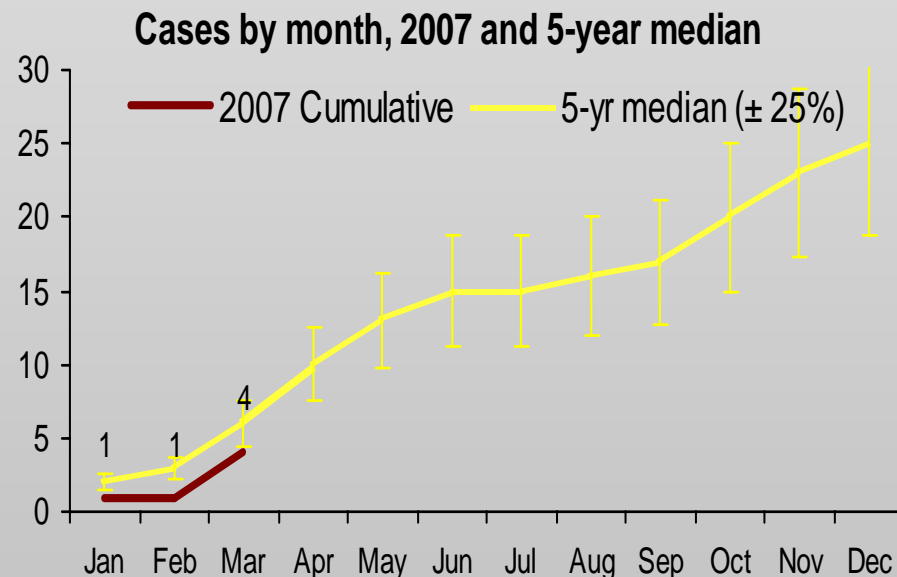


1 January – 31 March 2007

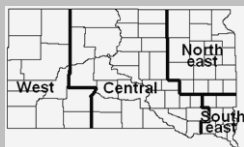
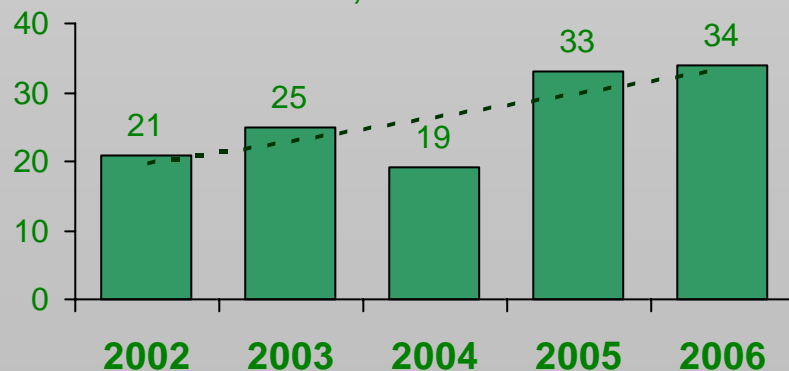
Provisional data

HIV/AIDS, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Northeast	0	0
Southeast	3	1.2
Central	1	0.6
West	0	0.5
TOTAL	4	0.5 -33%
5-year median	6	0.8



HIV/AIDS, SD 2002-2006

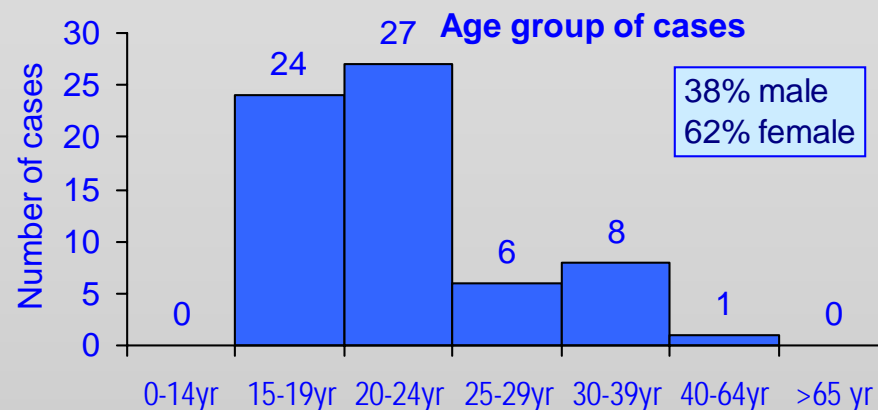


1 January – 31 March 2007

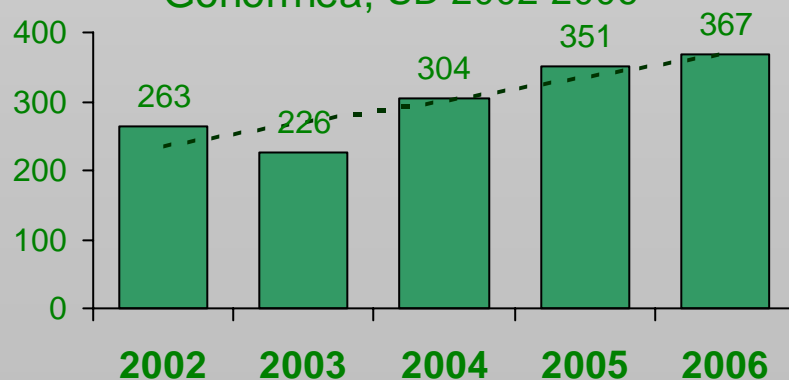
Provisional data

Gonorrhea, South Dakota

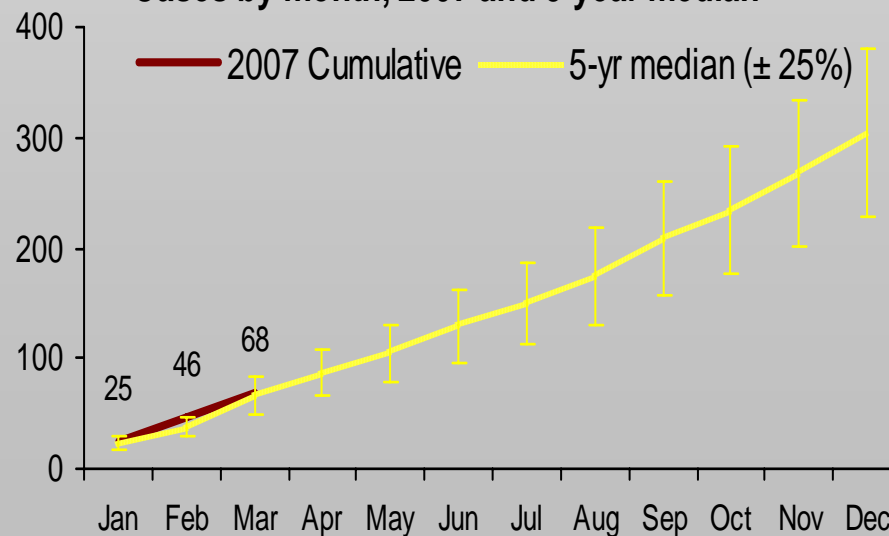
Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	16	10.6
Northeast	3	1.6
Southeast	30	11.6
West	19	10.0
TOTAL	68	8.7 +1%
5-year median	67	8.6



Gonorrhea, SD 2002-2006



Cases by month, 2007 and 5-year median

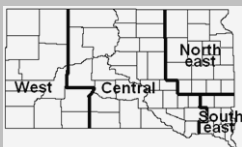
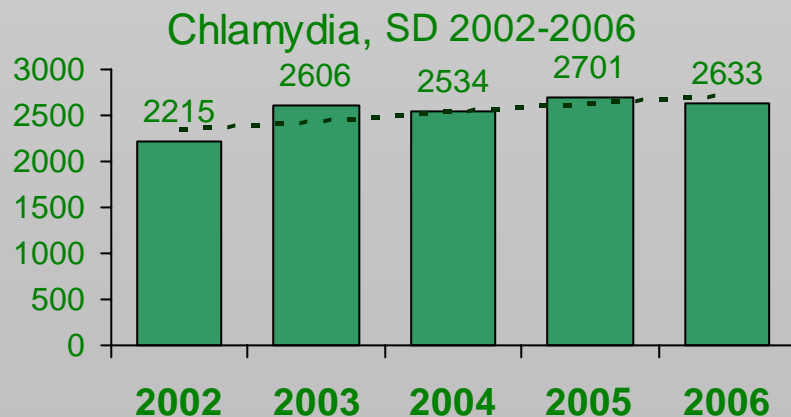
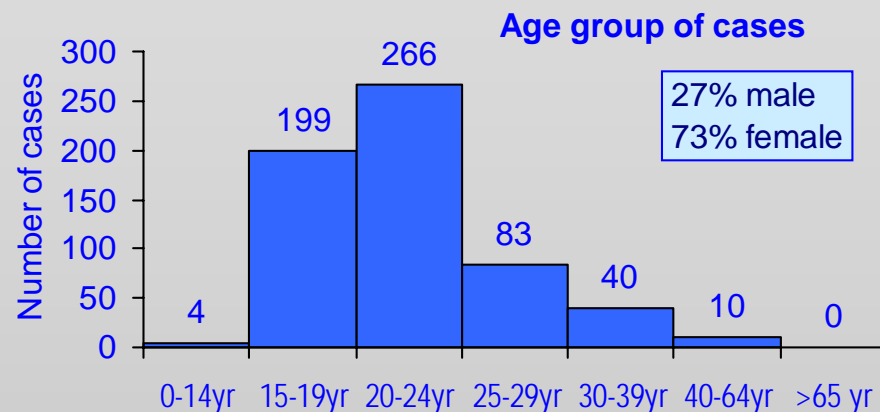


1 January – 31 March 2007

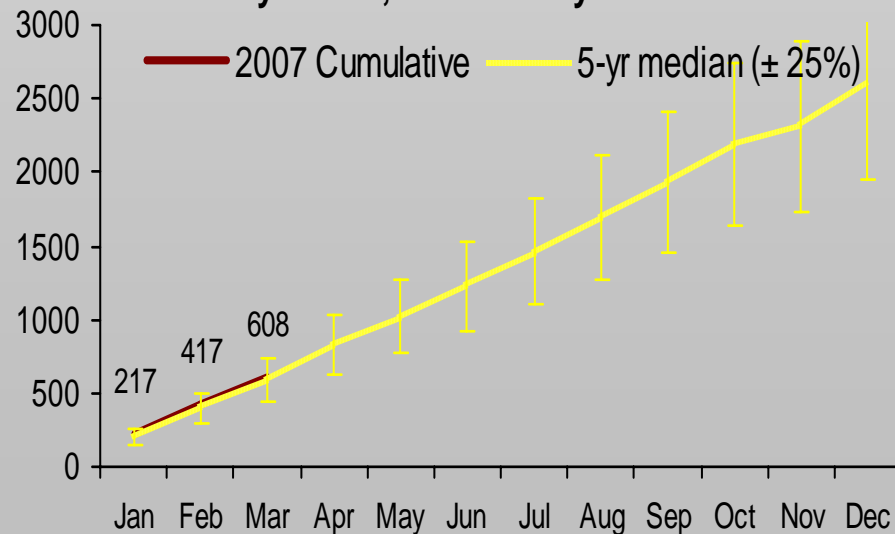
Provisional data

Chlamydia, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	136	90.2
Northeast	116	63.5
Southeast	157	60.8
West	199	104.4
TOTAL	608	77.8 +2%
5-year median	596	76.2



Cases by month, 2007 and 5-year median

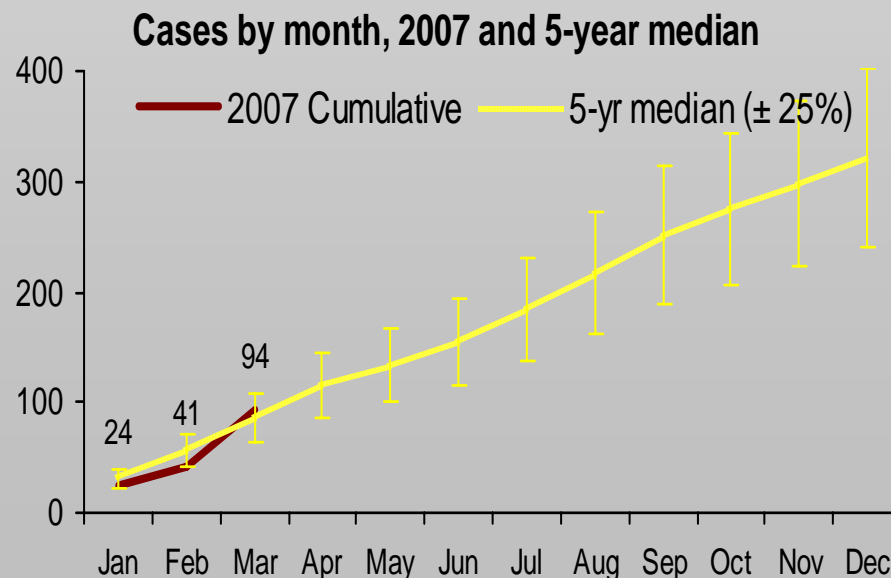
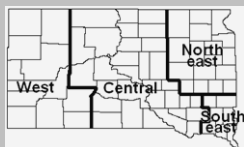
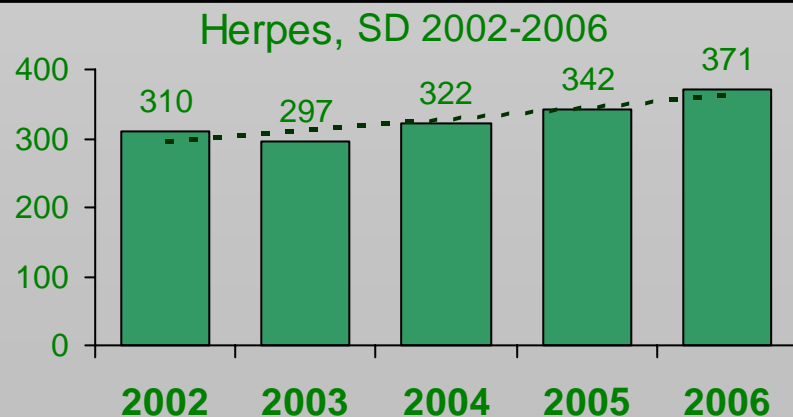
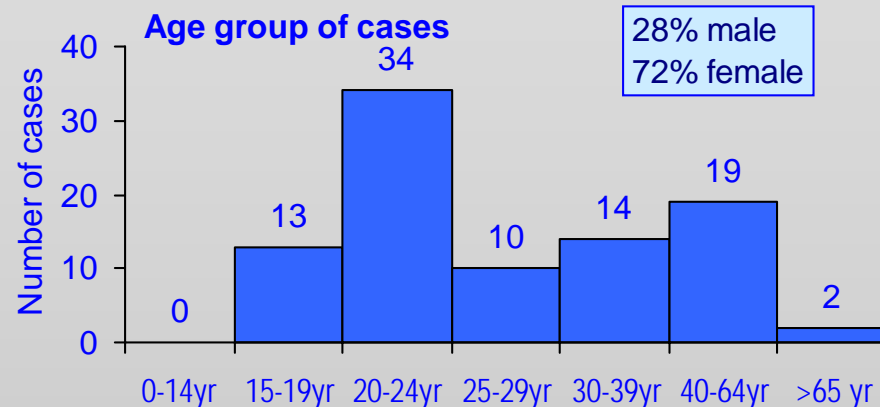


1 January – 31 March 2007

Provisional data

Herpes (genital and neonatal), South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	14	9.3
Northeast	28	15.3
Southeast	31	12.0
West	21	0.5
TOTAL	94	12.0 +9%
5-year median	86	11.0

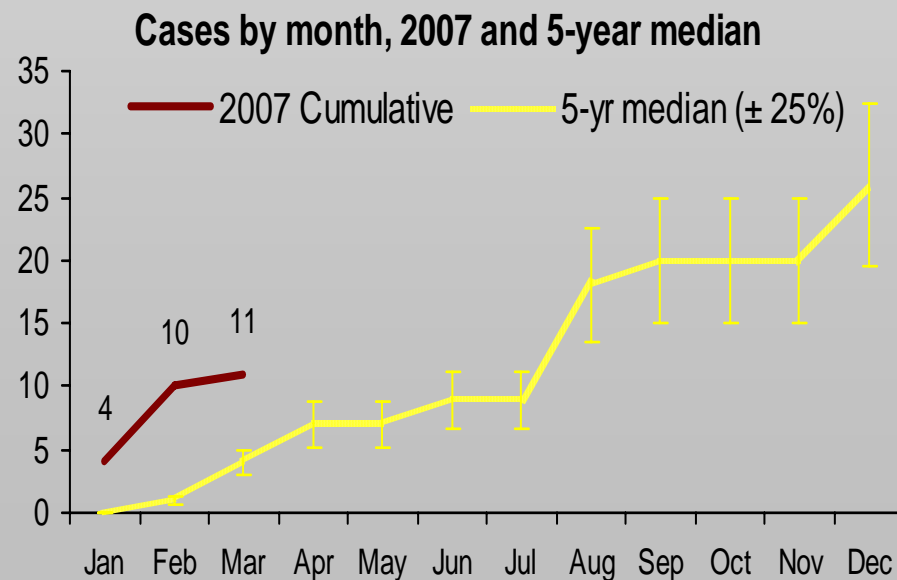
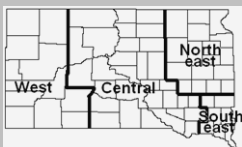
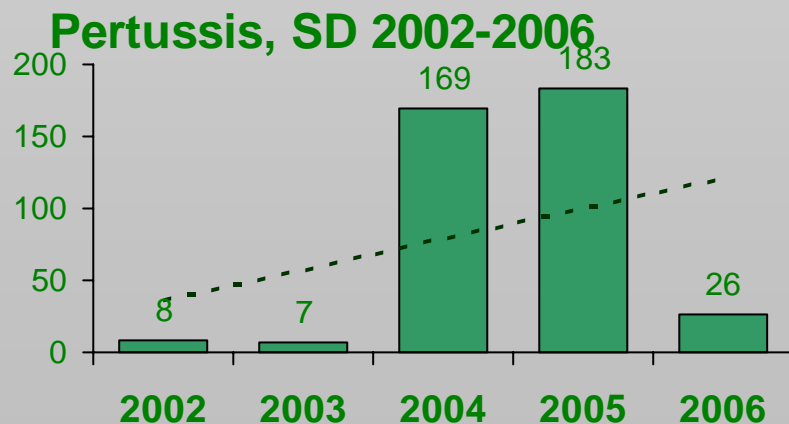
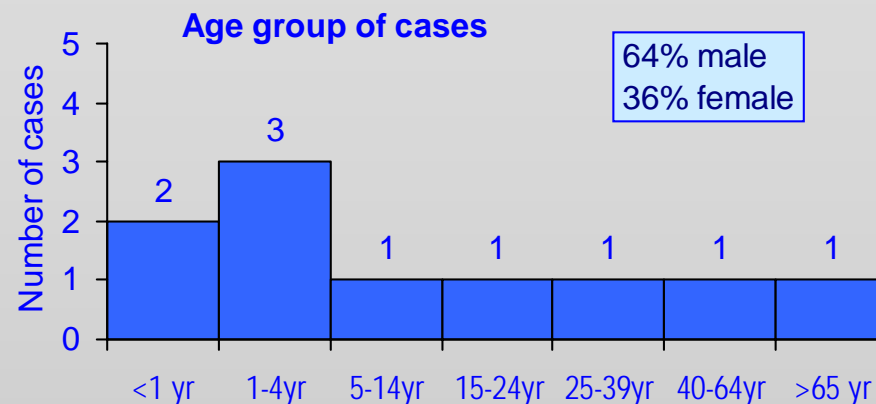


1 January – 31 March 2007

Provisional data

Pertussis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	2	1.3
Northeast	0	0.0
Southeast	7	2.7
Western	2	1.0
TOTAL	11	1.4 +175%
5-year median	4	0.5

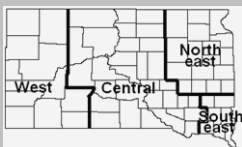
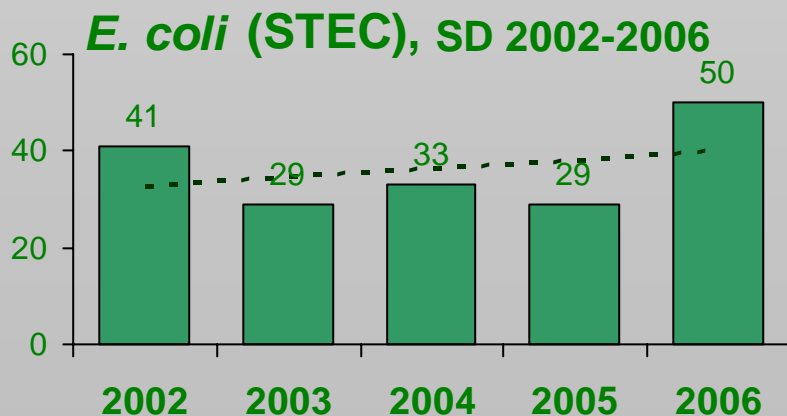
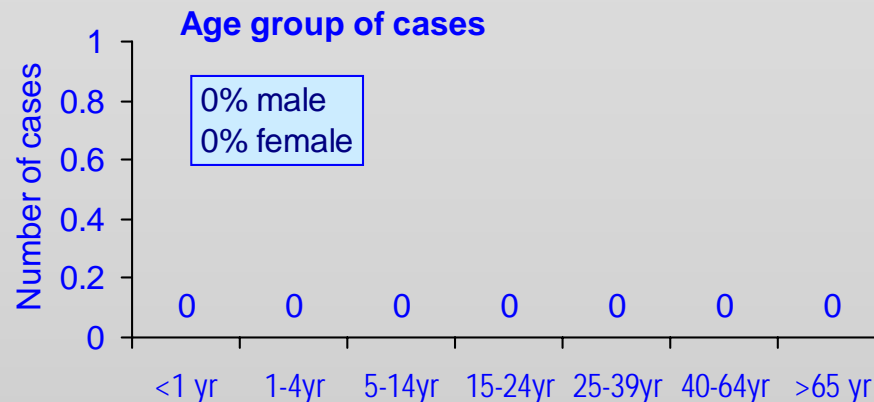


1 January – 31 March 2007

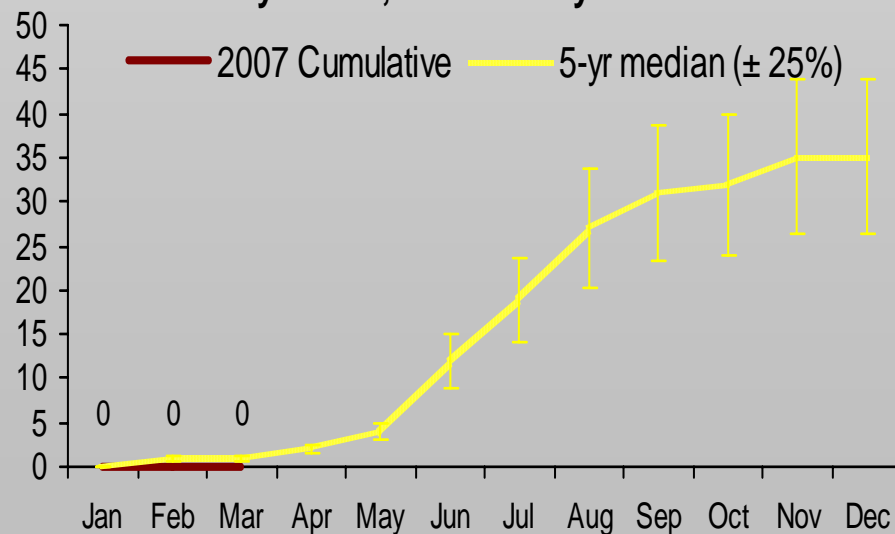
Provisional data

E. coli, shiga toxin-producing, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Northeast	0	0
Southeast	0	0
Central	0	0
West	0	0
TOTAL	0	0
5-year median	1	0.1



Cases by month, 2007 and 5-year median



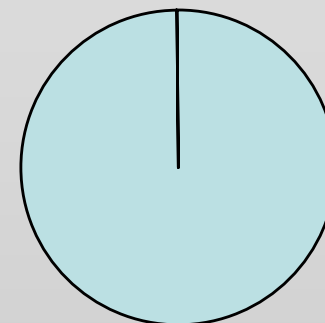
1 January – 31 March 2007

Provisional data

Rabies, South Dakota

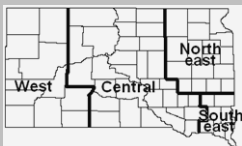
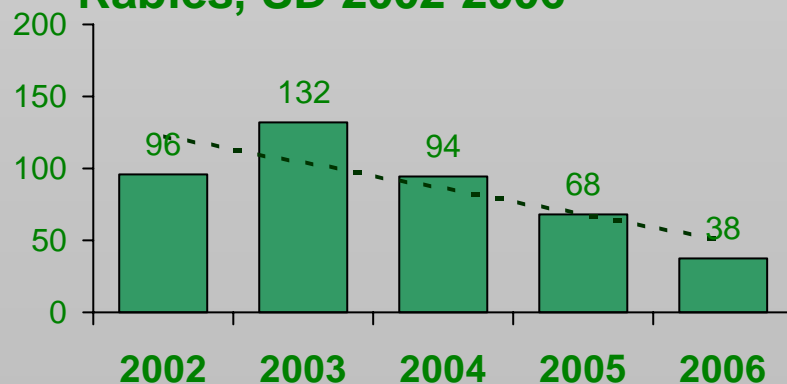
County Rabid animals

- Deuel: skunk 1,

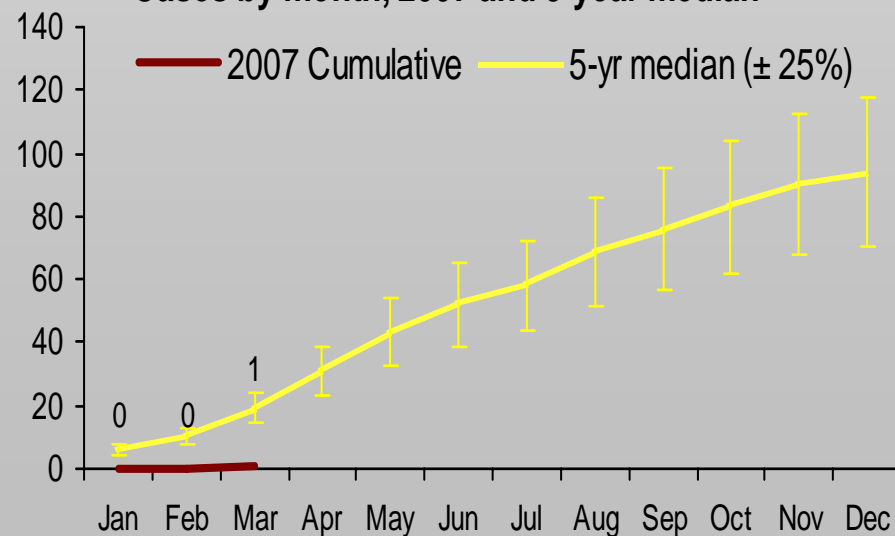


Skunk, 1

Rabies, SD 2002-2006



Cases by month, 2007 and 5-year median



South Dakota Department of Health confidential disease reporting: 1-800-592-1804

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Provisional data

Other low incidence or newly reportable diseases in South Dakota, YTD 2006

- Chicken pox, 23 cases
- Hepatitis A, acute, 2 cases
- Hepatitis B, acute, 1 case
- Hepatitis B, chronic, 2 cases
- Hepatitis C, chronic, 37 cases
- Legionnaires' disease, 1 case
- MRSA, invasive, 19 cases
- Mumps, 1 case
- Meningococcal, invasive disease, 1 case
- Q fever, 1 case
- Streptococcus, Group A, invasive, 2 cases
- Streptococcus, Group B, invasive, 3 cases
- Streptococcus pneumoniae, drug-resistant, 2 cases
- Tuberculosis, active, 2 cases



South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 March 2007

Provisional data

Reportable Diseases List:

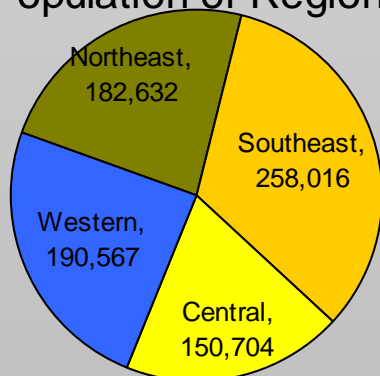
www.state.sd.us/doh/Disease/report.htm



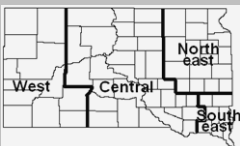
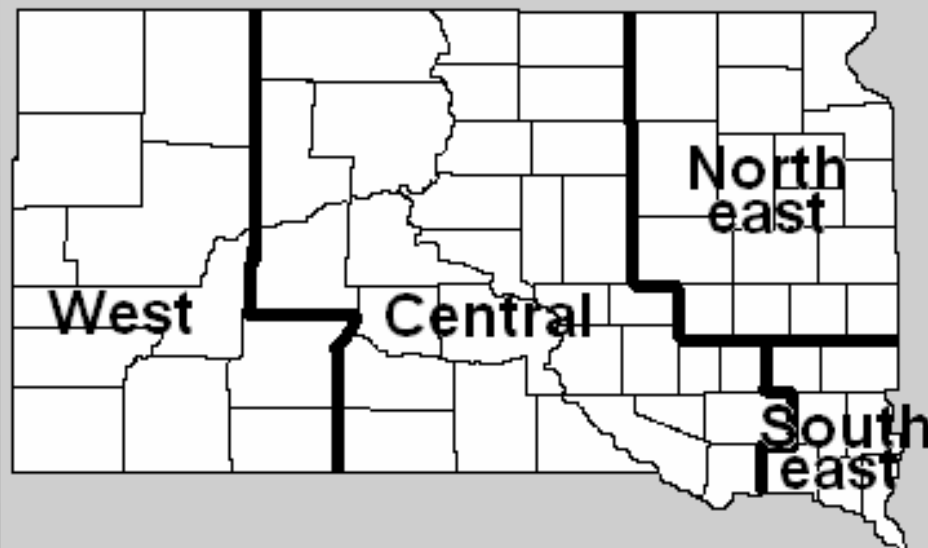
To report infectious diseases

- Secure website: www.state.sd.us/doh/diseasereport
- Telephone: **1-800-592-1804** confidential recorder; or **1-800-592-1861** or **605-773-3737** for a disease surveillance person during normal business hours; after hours to report Category I diseases or other emergencies, call **605-280-4810**.
- Fax: **605-773-5509**
- Mail or courier, address to: Infectious Disease Surveillance, Office of Disease Prevention, Department of Health, 615 East 4th Street, Pierre, SD 57501; marked "*Confidential Disease Report*"

Population of Regions



South Dakota 2006 population est: 781,919



South Dakota Department of Health confidential disease reporting: 1-800-592-1804